

The following listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims:**

Claims 1-96 (Cancelled)

97. (new) A method for determining a health status of a selected server of a server farm, the method comprising:

implementing a first thread of said method for determining the health status of a first server of the server farm, said first thread comprising:

identifying the first server of the server farm for analysis;

receiving data from the first server, said data including content information;

performing format verification on a first portion of said content information by verifying correct formatting of the first portion of content information using predetermined format verification rules; and

determining the health status of the first server based upon results of said format verification.

98. (new) The method of claim 97 further comprising:

implementing, concurrently with the implementation of the first thread, a second thread of said method for determining the health status of a second server of the server farm, said second thread comprising:

identifying the second server of the server farm for analysis;

receiving data from the second server, said data including a second portion of content information;

performing format verification on said second portion of content information by verifying proper formatting of the second portion of content information using a second set of predetermined format verification rules; and

determining the health status of the second server based upon results of said second format verification.

99. (new) The method of claim 97 wherein said format verification includes:

identifying timestamp information in the first portion of content; and

verifying correct formatting of the timestamp information using a first regular expression corresponding to: ([1-9]|1[0-2]):[0-5][0-9].

100. (new) The method of claim 97 wherein said format verification includes:  
identifying timestamp information in the first portion of content, wherein the timestamp information includes an hours portion of a time value and a minutes portion of the time value;  
determining whether the hours portion of the time value is an integer within a range from 1 to 12, inclusive;  
determining whether the minutes portion of the time value is an integer within a range from 0 to 59, inclusive; and  
determining whether the timestamp information includes a colon character interposed between the hours portion and minutes portion of the time value.

101. (new) 1The method of claim 97 wherein said format verification includes:  
identifying timestamp information in the first portion of content; and  
verifying correct formatting of the timestamp information using a first regular expression corresponding to: (A|P)M.

102. (new) 2The method of claim 97 wherein said format verification includes:  
identifying timestamp information in the first portion of content; and  
determining whether the timestamp information includes a time data string followed by the characters "AM" or "PM".

103. (new) The method of claim 97 wherein said format verification includes:  
identifying a ticker symbol in the first portion of content; and  
verifying correct formatting of the ticker symbol using a first regular expression corresponding to: ([A-Z]{1,4}|[A-Z]{4}X).

104. (new) The method of claim 97 wherein said format verification includes:  
identifying a ticker symbol in the first portion of content; and  
determining whether a length of the ticker symbol is between 1-4 characters, inclusive.

105. (new) The method of claim 97 wherein said format verification includes:  
identifying a ticker symbol in the first portion of content; and  
determining whether a length of the ticker symbol is five characters with the last character being an "X."

106. (new) The method of claim 97 wherein said format verification includes:  
identifying currency information in the first portion of content, wherein the currency information includes a monetary value; and  
verifying correct formatting of the monetary value using a first regular expression corresponding to:  $(\$ (0 | [1-9] [0-9] ^*) \cdot [0-9] \{2\})$ .

107. (new) The method of claim 97 wherein said format verification includes:  
identifying currency information in the first portion of content, wherein the currency information includes a monetary value; and  
determining whether the monetary value includes a dollar sign followed by a numerical value greater than or equal to zero, followed by a decimal point, followed by two numeric digits.

108. (new) The method of claim 97 further comprising:  
transmitting a resource request to the selected first server; and  
receiving data from the first server in response to the resource request, said data including content information.

109. (new) The method of claim 97 further comprising:  
detecting, using results of said format verification, a problem relating to the health status of the first server; and  
automatically implementing at least one action in response to the detecting of the problem relating to the health status of the first server.

110. (new) The method of claim 97 further comprising:  
determining whether any inconsistencies are detected in the at least one format of said first portion of content information.

111. (new) The method of claim 97 wherein said predetermined format verification rules include regular expressions specifically configured or designed to be used for verifying formatting characteristics of selected content.

112. (new) The method of claim 97 wherein the selected first server is a selected server in a load balanced server farm system.

113. (new) The method of claim 97 wherein the first portion of content information includes dynamically generated data.

114. (new) The method of claim 97 wherein the first portion of content information includes non-static, customized data.

115. (new) A system for determining a health status of a selected server of a server farm of a computer network, the system comprising:

at least one processor;

at least one interface adapted to provide a communication link to at least one other network device in the data network; and

memory;

the system being adapted to:

implement a first thread of a process for determining the health status of a first server of the server farm, said first thread being operable to:

identify the first server of the server farm for analysis;

receive data from the first server, said data including content information;

perform format verification on a first portion of said content information by verify correct formatting of the first portion of content information using predetermined format verification rules; and

determine the health status of the first server based upon results of said format verification.

116. (new) The system of claim 115, wherein said system corresponds to a format verification system which is co-located with a load balancer operable to perform load balancing operations for the server farm.

117. (new) The system of claim 115 being further adapted to:

implement, concurrently with the implementation of the first thread, a second thread of a process for determining the health status of a second server of the server farm, said second thread being operable to:

identify the second server of the server farm for analysis;

receive data from the second server, said data including a second portion of content information;

perform format verification on said second portion of content information by verify proper formatting of the second portion of content information using a second set of predetermined format verification rules; and

determine the health status of the second server based upon results of said second format verification.

118. (new) The system of claim 115 being further adapted to:  
identify timestamp information in the first portion of content; and  
verify correct formatting of the timestamp information using a first regular expression corresponding to: ([1-9]|1[0-2]):[0-5][0-9].

119. (new) The system of claim 115 being further adapted to:  
identify timestamp information in the first portion of content, wherein the timestamp information includes an hours portion of a time value and a minutes portion of the time value;  
determine whether the hours portion of the time value is an integer within a range from 1 to 12, inclusive;  
determine whether the minutes portion of the time value is an integer within a range from 0 to 59, inclusive; and  
determine whether the timestamp information includes a colon character interposed between the hours portion and minutes portion of the time value.

120. (new) 1The system of claim 115 being further adapted to:  
identify timestamp information in the first portion of content; and  
verify correct formatting of the timestamp information using a first regular expression corresponding to: (A|P)M.

121. (new) 2The system of claim 115 being further adapted to:  
identify timestamp information in the first portion of content; and  
determine whether the timestamp information includes a time data string followed by the characters "AM" or "PM".

122. (new) The system of claim 115 being further adapted to:

identify a ticker symbol in the first portion of content; and  
verify correct formatting of the ticker symbol using a first regular expression  
corresponding to:  $([A-Z]\{1,4\}|[A-Z]\{4\}X)$ .

123. (new) The system of claim 115 being further adapted to:  
identify a ticker symbol in the first portion of content; and  
determine whether a length of the ticker symbol is between 1-4 characters, inclusive.

124. (new) The system of claim 115 being further adapted to:  
identify a ticker symbol in the first portion of content; and  
determine whether a length of the ticker symbol is five characters with the last character  
being an "X."

125. (new) The system of claim 115 being further adapted to:  
identify currency information in the first portion of content, wherein the currency  
information includes a monetary value; and  
verify correct formatting of the monetary value using a first regular expression  
corresponding to:  $(\$0[1-9][0-9]^*).[0-9]\{2\})$ .

126. (new) The system of claim 115 being further adapted to:  
identify currency information in the first portion of content, wherein the currency  
information includes a monetary value; and  
determine whether the monetary value includes a dollar sign followed by a numerical  
value greater than or equal to zero, followed by a decimal point, followed by two numeric digits.

127. (new) The system of claim 115 being further adapted to:  
transmit a resource request to the selected first server; and  
receive data from the first server in response to the resource request, said data including  
content information.

128. (new) The system of claim 115 being further adapted to:  
detect, using results of said format verification, a problem relating to the health status of  
the first server; and

automatically implement at least one action in response to the detecting of the problem relating to the health status of the first server.

129. (new) The system of claim 115 being further adapted to:  
determine whether any inconsistencies are detected in the at least one format of said first portion of content information.

130. (new) The system of claim 115 wherein said predetermined format verification rules include regular expressions specifically adapted to be used for verify formatting characteristics of selected content.

131. (new) The system of claim 115 wherein the selected first server is a selected server in a load balanced server farm system.

132. (new) The system of claim 115 wherein the first portion of content information includes dynamically generated data.

133. (new) The system of claim 115 wherein the first portion of content information includes non-static, customized data.

134. (new) A computer program product for determining a health status of a selected server of a server farm, the computer program product comprising:

a computer usable storage medium having computer readable code embodied therein, the computer readable code comprising:

computer code for implementing a first thread of a process for determining the health status of a first server of the server farm, said first thread comprising:

computer code for identifying the first server of the server farm for analysis;

computer code for receiving data from the first server, said data including content information;

computer code for performing format verification on a first portion of said content information by verifying correct formatting of the first portion of content information using predetermined format verification rules; and

computer code for determining the health status of the first server based upon results of said format verification.

135. (new) The computer program product of claim 134 further comprising:  
computer code for implementing, concurrently with the implementation of the first thread, a second thread of a process for determining the health status of a second server of the server farm, said second thread comprising:  
computer code for identifying the second server of the server farm for analysis;  
computer code for receiving data from the second server, said data including a second portion of content information;  
computer code for performing format verification on said second portion of content information by verifying proper formatting of the second portion of content information using a second set of predetermined format verification rules; and  
computer code for determining the health status of the second server based upon results of said second format verification.

136. (new) The computer program product of claim 134 wherein said format verification code includes:  
computer code for identifying timestamp information in the first portion of content; and  
computer code for verifying correct formatting of the timestamp information using a first regular expression corresponding to:  $[(1-9)|1[0-2]]:[0-5][0-9]$ .

137. (new) The computer program product of claim 134 wherein said format verification code includes:  
computer code for identifying timestamp information in the first portion of content, wherein the timestamp information includes an hours portion of a time value and a minutes portion of the time value;  
computer code for determining whether the hours portion of the time value is an integer within a range from 1 to 12, inclusive;  
computer code for determining whether the minutes portion of the time value is an integer within a range from 0 to 59, inclusive; and  
computer code for determining whether the timestamp information includes a colon character interposed between the hours portion and minutes portion of the time value.

138. (new) The computer program product of claim 134 wherein said format verification code includes:



computer code for identifying timestamp information in the first portion of content; and  
computer code for verifying correct formatting of the timestamp information using a first regular expression corresponding to: (A|P)M.

139. (new) 2The computer program product of claim 134 wherein said format verification code includes:

computer code for identifying timestamp information in the first portion of content; and  
computer code for determining whether the timestamp information includes a time data string followed by the characters "AM" or "PM".

140. (new) The computer program product of claim 134 wherein said format verification code includes:

computer code for identifying a ticker symbol in the first portion of content; and  
computer code for verifying correct formatting of the ticker symbol using a first regular expression corresponding to: ([A-Z]{1,4}|[A-Z]{4}X).

141. (new) The computer program product of claim 134 wherein said format verification code includes:

computer code for identifying a ticker symbol in the first portion of content; and  
computer code for determining whether a length of the ticker symbol is between 1-4 characters, inclusive.

142. (new) The computer program product of claim 134 wherein said format verification code includes:

computer code for identifying a ticker symbol in the first portion of content; and  
computer code for determining whether a length of the ticker symbol is five characters with the last character being an "X."

143. (new) The computer program product of claim 134 wherein said format verification code includes:

computer code for identifying currency information in the first portion of content, wherein the currency information includes a monetary value; and  
computer code for verifying correct formatting of the monetary value using a first regular expression corresponding to: (\$([0-9]{1,9}[0-9]\*).[0-9]{2}).

144. (new) The computer program product of claim 134 wherein said format verification code includes:

computer code for identifying currency information in the first portion of content, wherein the currency information includes a monetary value; and

computer code for determining whether the monetary value includes a dollar sign followed by a numerical value greater than or equal to zero, followed by a decimal point, followed by two numeric digits

145. (new) The computer program product of claim 134 wherein said predetermined format verification rules include regular expressions specifically configured or designed to be used for verifying formatting characteristics of selected content.

146. (new) The computer program product of claim 134 wherein the selected first server is a selected server in a load balanced server farm.

147. (new) A system for determining a health status of a selected server of a server farm, the system comprising:

means for implementing a first thread of a process for determining the health status of a first server of the server farm, said first thread comprising:

means for identifying the first server of the server farm for analysis;

means for receiving data from the first server, said data including content information;

means for performing format verification on a first portion of said content information by verifying correct formatting of the first portion of content information using predetermined format verification rules; and

means for determining the health status of the first server based upon results of said format verification.

148. (new) The system of claim 147 further comprising:

means for implementing, concurrently with the implementation of the first thread, a second thread of a process for determining the health status of a second server of the server farm, said second thread comprising:

means for identifying the second server of the server farm for analysis;

means for receiving data from the second server, said data including a second portion of content information;

means for performing format verification on said second portion of content information by verifying proper formatting of the second portion of content information using a second set of predetermined format verification rules; and

means for determining the health status of the second server based upon results of said second format verification.

149. (new) The system of claim 147 wherein said format verification means includes:

means for identifying timestamp information in the first portion of content, wherein the timestamp information includes an hours portion of a time value and a minutes portion of the time value;

means for determining whether the hours portion of the time value is an integer within a range from 1 to 12, inclusive;

means for determining whether the minutes portion of the time value is an integer within a range from 0 to 59, inclusive; and

means for determining whether the timestamp information includes a colon character interposed between the hours portion and minutes portion of the time value.

150. (new) 2The system of claim 147 wherein said format verification means includes:

means for identifying timestamp information in the first portion of content; and

means for determining whether the timestamp information includes a time data string followed by the characters "AM" or "PM".

151. (new) The system of claim 147 wherein said format verification means includes:

means for identifying a ticker symbol in the first portion of content; and

means for determining whether a length of the ticker symbol is between 1-4 characters, inclusive.

152. (new) The system of claim 147 wherein said format verification means includes:

means for identifying a ticker symbol in the first portion of content; and

means for determining whether a length of the ticker symbol is five characters with the last character being an "X."

153. (new) A method for determining a health status of a selected server of a server farm, the method comprising:

- identifying a first server of the server farm for analysis;
- receiving data from the first server, said data including content information;
- using or creating at least one regular expression for performing format verification on a first portion of said content information by verifying correct formatting of the first portion of content information using predetermined format verification rules; and
- determining the health status of the first server based upon results of said format verification.

154. (new) A system for determining a health status of a selected server of a server farm, the system comprising:

- at least one processor;
- at least one interface configured or designed to provide a communication link to at least one other network device in the data network; and
- memory;

the system being operable to:

- identify the first server of the server farm for analysis;
- receive data from the first server, said data including content information;
- use or create at least one regular expression for performing format verification on a first portion of said content information by verifying correct formatting of the first portion of content information using predetermined format verification rules; and
- determine the health status of the first server based upon results of said format verification.